RAW SEQUENCE LISTING

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Application Serial Number: _10/552, 388_

Source: _PCT_

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RAW SEQUENCE LISTING   DATE: 10/20/2005
PATENT APPLICATION: US/10/552,388   TIME: 09:38:30

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Output Set: N:\CRF4\10202005\J552388.raw

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   3 <110> APPLICANT: Ross et al.
   5 <120> TITLE OF INVENTION: Polypeptides Containing Glycosylphosphatidyinositol
   7 <130> FILE REFERENCE: 71838-01
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/552,388
C--> 9 <141> CURRENT FILING DATE: 2005-10-07
   9 <150> PRIOR APPLICATION NUMBER: PCT/GB04/001572
  10 <151> PRIOR FILING DATE: 2004-04-07
  12 <150> PRIOR APPLICATION NUMBER: 032435.1
  13 <151> PRIOR FILING DATE: 2003-10-16
  15 <150> PRIOR APPLICATION NUMBER: 0308088.4
  16 <151> PRIOR FILING DATE: 2003-04-09
  18 <160> NUMBER OF SEQ ID NOS: 20
  20 <170> SOFTWARE: PatentIn version 3.1
  22 <210> SEQ ID NO: 1
  23 <211> LENGTH: 794
  24 <212> TYPE: DNA
  25 <213> ORGANISM: Artificial sequence
  27 <220> FEATURE:
  28 <223> OTHER INFORMATION: fusion protein comprising growth hormone fused to domain
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  31 <400> SEQUENCE: 1
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  36 acaacgctag tctccgcgcc catcgtctgc accagctggc ctttgacacc taccaggagt     180
  38 ttgaagaagc ctatatccca aaggaacaga agtattcatt cctgcagaac ccccagacct     240
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  48 gcagcccccg gactgggcag atcttcaagc agacctacag caagttcgac acaaactcac     540
  50 acaacgatga cgcactactc aagaactacg ggctgctcta ctgcttcagg aaggacatgg     600
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  54 tcggcggtgg aggggatatc gacaagctgg tcaagtgtgg cggcataagc ctgctggttc     720
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  63 <212> TYPE: PRT
  64 <213> ORGANISM: Artificial Sequence
  66 <220> FEATURE:
  67 <223> OTHER INFORMATION: fusion protein comprising growth hormone fused to a
  68       glycosylphosphatidyinositol domain
  70 <400> SEQUENCE: 2
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 77             20                  25                  30
 80 Ala Ser Leu Arg Ala His Arg Leu His Gln Leu Ala Phe Asp Thr Tyr
 81         35                  40                  45
 84 Gln Glu Phe Glu Glu Ala Tyr Ile Pro Lys Glu Gln Lys Tyr Ser Phe
 85     50                  55                  60
 88 Leu Gln Asn Pro Gln Thr Ser Leu Cys Phe Ser Glu Ser Ile Pro Thr
 89 65                  70                  75                  80
 92 Pro Ser Asn Arg Glu Glu Thr Gln Gln Lys Ser Asn Leu Glu Leu Leu
 93                 85                  90                  95
 96 Arg Ile Ser Leu Leu Leu Ile Gln Ser Trp Leu Glu Pro Val Gln Phe
 97             100                 105                 110
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101         115                 120                 125
104 Asn Val Tyr Asp Leu Leu Lys Asp Leu Glu Glu Gly Ile Gln Thr Leu
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112 Gln Thr Tyr Ser Lys Phe Asp Thr Asn Ser His Asn Asp Asp Ala Leu
113                 165                 170                 175
116 Leu Lys Asn Tyr Gly Leu Leu Tyr Cys Phe Arg Lys Asp Met Asp Lys
117             180                 185                 190
120 Val Glu Thr Phe Leu Arg Ile Val Gln Cys Arg Ser Val Glu Gly Ser
121         195                 200                 205
124 Cys Gly Phe Gly Gly Gly Gly Asp Ile Asp Lys Leu Val Lys Cys Gly
125     210                 215                 220
128 Gly Ile Ser Leu Leu Val Gln Asn Thr Ser Trp Met Leu Leu Leu Leu
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139 <213> ORGANISM: Artificial Sequence
141 <220> FEATURE:
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143       receptor
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150 acaacgctag tctccgcgcc catcgtctgc accagctggc ctttgacacc taccaggagt     180
152 ttgaagaagc ctatatccca aaggaacaga gtattcatt cctgcagaac ccccagacct      240
154 ccctctgttt ctcagagtct attccgacac cctccaacag ggaggaaaca caacagaaat     300
156 ccaacctaga gctgctccgc atctccctgc tgctcatcca gtcgtggctg agcccgtgc      360
158 agttcctcag gagtgtcttc gccaacagcc tggtgtacgg cgcctctgac agcaacgtct     420
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168 tcggcggccg cggtggcgga ggtagtggtg gcggaggtag cggtggcgga ggttctggtg   720
170 gcggaggttc cgaattcttt tctggaagtg aggccacagc agctatcctt agcagagcac   780
172 cctggagtct gcaaagtgtt aatccaggcc taaagacaaa ttcttctaag gagcctaaat   840
174 tcaccaagtg ccgttcacct gagcgagaga cttttttcatg ccactggaca gatgaggttc   900
176 atcatggtac aaagaaccta ggacccatac agctgttcta taccagaagg aacactcaag   960
178 aatggactca agaatggaaa gaatgccctg attatgtttc tgctggggaa aacagctgtt   1020
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186 tgagatggga agcaccacgc aatgcagata ttcagaaagg atggatggtt ctggagtatg   1260
188 aacttcaata caaagaagta aatgaaacta aatggaaaat gatggaccct atattgacaa   1320
190 catcagttcc agtgtactca ttgaaagtgg ataaggaata tgaagtgcgt gtgagatcca   1380
192 aacaacgaaa ctctggaaat tatggcgagt tcagtgaggt gctctatgta acacttcctc   1440
194 agatgagcca atttacatgt gaagaagatt tctacggcgg tggaggggat atcgacaagc   1500
196 tggtcaagtg tggcggcata agcctgctgg ttcagaacac atcctggatg ctgctgctgc   1560
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203 <212> TYPE: PRT
204 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: fusion protein comprising growth hormone fused to growth
hormone
208        receptor
210 <400> SEQUENCE: 4
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217             20                  25                  30
220 Ala Ser Leu Arg Ala His Arg Leu His Gln Leu Ala Phe Asp Thr Tyr
221         35                  40                  45
224 Gln Glu Phe Glu Glu Ala Tyr Ile Pro Lys Glu Gln Lys Tyr Ser Phe
225     50                  55                  60
228 Leu Gln Asn Pro Gln Thr Ser Leu Cys Phe Ser Glu Ser Ile Pro Thr
229 65                  70                  75                  80
232 Pro Ser Asn Arg Glu Glu Thr Gln Gln Lys Ser Asn Leu Glu Leu Leu
233             85                  90                  95
236 Arg Ile Ser Leu Leu Leu Ile Gln Ser Trp Leu Glu Pro Val Gln Phe
237             100                 105                 110
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244 Asn Val Tyr Asp Leu Leu Lys Asp Leu Glu Glu Gly Ile Gln Thr Leu
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253             165                 170                 175
256 Leu Lys Asn Tyr Gly Leu Leu Tyr Cys Phe Arg Lys Asp Met Asp Lys
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265         210                 215                 220
268 Gly Gly Gly Gly Ser Gly Gly Gly Gly Ser Glu Phe Phe Ser Gly Ser
269 225                 230                 235                 240
272 Glu Ala Thr Ala Ala Ile Leu Ser Arg Ala Pro Trp Ser Leu Gln Ser
273             245                 250                 255
276 Val Asn Pro Gly Leu Lys Thr Asn Ser Ser Lys Glu Pro Lys Phe Thr
277             260                 265                 270
280 Lys Cys Arg Ser Pro Glu Arg Glu Thr Phe Ser Cys His Trp Thr Asp
281         275                 280                 285
284 Glu Val His His Gly Thr Lys Asn Leu Gly Pro Ile Gln Leu Phe Tyr
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289 305                 310                 315                 320
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296 Thr Ser Ile Trp Ile Pro Tyr Cys Ile Lys Leu Thr Ser Asn Gly Gly
297             340                 345                 350
300 Thr Val Asp Glu Lys Cys Phe Ser Val Asp Glu Ile Val Gln Pro Asp
301     355                 360                 365
304 Pro Pro Ile Ala Leu Asn Trp Thr Leu Leu Asn Val Ser Leu Thr Gly
305     370                 375                 380
308 Ile His Ala Asp Ile Gln Val Arg Trp Glu Ala Pro Arg Asn Ala Asp
309 385                 390                 395                 400
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313             405                 410                 415
316 Val Asn Glu Thr Lys Trp Lys Met Met Asp Pro Ile Leu Thr Thr Ser
317             420                 425                 430
320 Val Pro Val Tyr Ser Leu Lys Val Asp Lys Glu Tyr Glu Val Arg Val
321         435                 440                 445
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325     450                 455                 460
328 Leu Tyr Val Thr Leu Pro Gln Met Ser Gln Phe Thr Cys Glu Glu Asp
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333             485                 490                 495
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345 <211> LENGTH: 1442
346 <212> TYPE: DNA
347 <213> ORGANISM: Artificial Sequence
349 <220> FEATURE:
350 <223> OTHER INFORMATION: fusion protein comprising growth hormone fused to growth
hormone
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363 ccaacctaga gctgctccgc atctccctgc tgctcatcca gtcgtggctg gagcccgtgc     360
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367 atgacctcct aaaggaccta gaggaaggca tccaaacgct gatggggagg ctggaagatg     480
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431 65                  70                  75                  80
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VERIFICATION SUMMARY   DATE: 10/20/2005
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L:9 M:270 C: Current Application Number differs, Replaced Current Application No
L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date ·